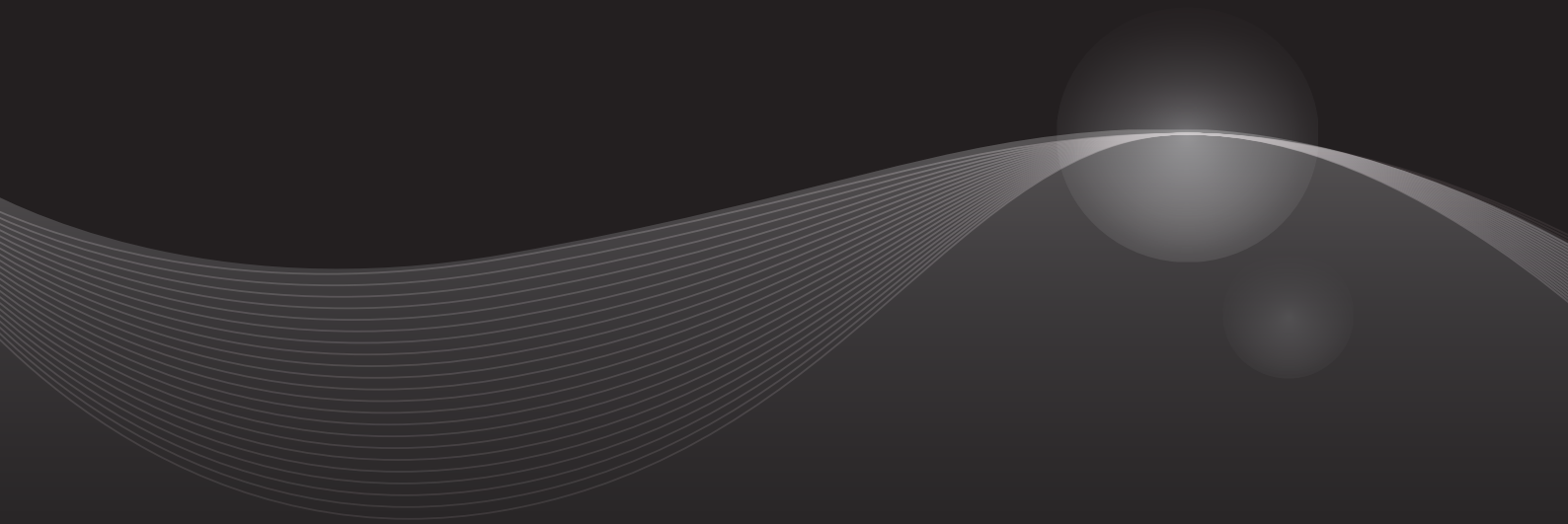
User's Manual

Monza Series Notebooks



ADVENT

CONTENTS

SAFETY INSTRUCTIONS 4
TRADEMARKS 5
PRODUCT SPECIFICATION 6
GETTING STARTED 7
PRODUCT OVERVIEW 8
- Top View with Display Open 8
- Left View 9
- Right View 10
- Bottom View 10
- Front View 11

PREPARING YOUR MONZA NOTEBOOK COMPUTER 12
KEYBOARD FUNCTION KEYS 13
TOUCHPAD 14
SYSTEM RECOVERY 15
- Why Reinstall? 15
- What is Reinstalled? 15
- Before you start 15

RUNNING SYSTEM RECOVERY FROM YOUR HARD DRIVE 16
- Stage 1 16
- Stage 2 17
- Stage 3 18

RECOVERY BACKUP WIZARD 20
RUNNING A SYSTEM RECOVERY FROM DVD/USB 21

SAFETY INSTRUCTIONS

Follow the safety precautions to help prevent any damage to yourself and your notebook.

- Never cover or block the air vents including those located at the base of the notebook.
- Always operate your notebook on a hard flat surface. Using your notebook on a carpet or other soft material can block the vents.
- Do not place your notebook computer or adapter on exposed skin while it is operating. The surface temperature of the base will rise during operation. Sustained contact with exposed skin can cause discomfort or burn.
- Do not place this device underneath heavy loads or in an unstable position.
- Do not use or expose this device around magnetic fields as magnetic interference may affect the performance of the device.
- Do not expose this device to high levels of direct sunlight, high-humidity or wet conditions.
- Do NOT expose to or use near liquid, rain, or moisture.
- The notebook is supplied with a UK power cord. Only use this power cord to avoid damage to your notebook.
- Notebooks are designed to be used with approved batteries. In order to guarantee safe and optimal use of your notebook you should only use approved battery packs. It is also recommended that you use a genuine adapter; using a different adapter may damage either the notebook or devices connected to it.

The unit can be operated at an ambient temperature of max. 35°C (95°F). Do not subject it to temperatures below 5°C (41°F) or above 35°C (95°F).

⚠ CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

TRADEMARKS

AMD and combinations thereof are trademarks or registered trademarks of Advanced Micro Devices, Inc.

Intel and Celeron are trademarks or registered trademarks of Intel Corporation.

Windows, Microsoft and Windows logo are registered trademarks of Microsoft Corporation.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Secure Digital and SD are trademarks of SD Card Association.

MultiMediaCard and MMC are trademarks of MultiMediaCard Association.

Memory Stick and Memory Stick PRO are trademarks or registered trademarks of Sony Corporation.

All trademarks are the property of their respective owners and all rights are acknowledged.

PRODUCT SPECIFICATION

Physical Characteristic	
Dimensions	382 x 255 x 35.2 mm (with rubber feet)
Weight	2.5kg (with battery)
CPU	
Processor Support	• Monza S100: Intel® Celeron® 900 2.2GHz • Monza S150: AMD Dual-Core E-300 1.3GHz Accelerated Processor • Monza S200: AMD Dual-Core E-450 1.65GHz Accelerated Processor
Core Chips	
Express Chipset	• Monza S100: Intel® GL40 Express Chipset • Monza S150/S200: AMD RS880M Chipset
Memory	
Memory Support	• DDR3 1066/1333MHz SO-DIMM Memory • 2x memory expansion slots (1GB, 2GB and 4 GB support) • 8GB max memory support
Power	
AC Adapter	• Monza S100: 65 Watts, 2pin 19V 3.42A • Monza S150/S200: 40 Watts, 2pin 19V 2.1A
Battery	Li-ion Battery
Storage	
Hard Drive	2.5" 5400RPM SATA-2 Hard Drive
Card reader	Card reader 4 in 1 Card Reader Card
Supported Cards	SD/SDHC, MMC/MMC Plus, MS/MS Duo/MS-HG, xD
Optical Device	
Optical Drive	Slimline DVD+/- RW SATA Drive

I/O Port	
DC-in	x 1
USB2.0	x 3
VGA	x 1
RJ45	x 1
Audio	x1 Microphone In x1 Headphone Out
Card Reader	x 1
HDMI	x 1
Audio	
Audio	High Definition Audio
Speaker/Mic	Two built-in speakers (Stereo) and internal Mic
Input	
Keyboard	UK English Layout (100 keys)
Pointing Device	Finger sensing touch pad with 2 buttons
Display	
VGA	• Monza S100: Intel® GMA 4500MHD • Monza S150: AMD Radeon™ HD 6310 • Monza S200: AMD Radeon™ HD 6320
LCD	15.6" WXGA, LED type, resolution 1366 x 768
Communication Port	
LAN	S100 - 10/100 Mbps S150/S200 - 10/100/1000 Mbps
Wireless	IEEE802.11 b/g/n support (Single band 2.4GHz, Up to 150Mbps)
Webcam	
Webcam	Built-in Webcam 1.3 Megapixel

GETTING STARTED

This manual tells you how to setup and begin using your Advent Monza series notebook.

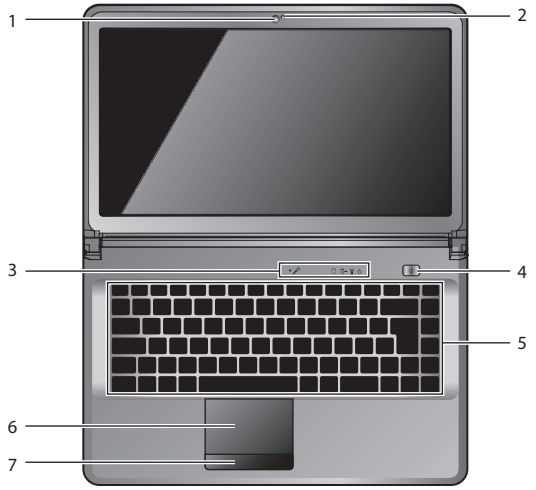
First check what's in your box:

- Notebook
- Power Cable
- AC Adapter
- Battery Pack
- Welcome Pack with Documentation and 2 x Blank DVD Discs
- Safety, Regulations, Troubleshooting & Recovery Manual

This section explains the use of various components on your notebook.

Top View with Display Open

The figure below shows the top view of the notebook with the display open.



1. **Webcam**
   The built-in Webcam allows picture taking or video recording.
2. **Webcam LED**
   The blue LED will turn on/off when the webcam is enabled or disabled via the keyboard function key.
3. **Microphone**
   Built-in microphone allows you to input and record sound.

   Hard Drive Status LED
   The battery status LED will blink blue when the notebook is accessing the hard drive.

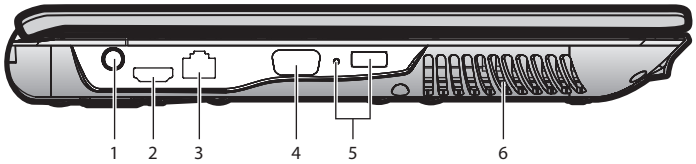
   Battery Status LED
   The battery status LED shows the condition of the battery's charge. Blue indicates the battery is fully charged, blinking purple indicates the battery is charging and blinking red indicates the battery charge is low.

   Wireless Status LED
   The wireless status LED will show blue when the wireless is enabled and no light when disabled.

   Power Status LED
   The power status LED will show blue when the notebook is powered on and no light when off or in hibernate mode. If the notebook is in Sleep mode the indicator blinks blue.
4. **Power Button**
   Turns the power of your notebook on and off.
5. **Keyboard**
   The internal keyboard provides numeric and cursor input keys for your notebook.
6. **Touchpad**
   Built-in touch-sensitive pad enables control of your on-screen pointer.
7. **Touchpad Buttons**
   The touchpad buttons function like the left and right buttons on a standard mouse.

Left View

The following figure shows the left view of the notebook.



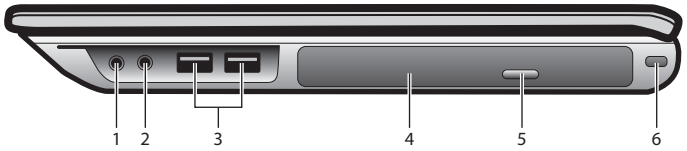
1. **Power Connector**
   Connects the AC adapter so it can operate using the AC adapter power or charge the battery.
2. **HDMI Port**
   Provides an HDMI out port that allows you to connect external monitors to your notebook.
3. **Network Port**
   Allows you to connect to a network.
4. **VGA Port**
   This port provides a 15-pin analogue VGA port to connect external monitors to your notebook.
5. **Enhanced USB Port**

   USB 2.0 port used to connect external USB devices such as mice and external hard drives.

   Enabling the Enhanced USB function - Connect the USB device you wish to charge and make sure the notebook is in off mode. Press and hold the power button for 7 seconds. The blue USB charging indicator will come on indicating that the charging function is enabled. Once enabled the USB power will be enhanced from 500mA to 1.5A.
6. **Cooling Vent**
   The cooling vent prevents the processor from overheating.

Right View

The following figure shows the right view of the notebook.



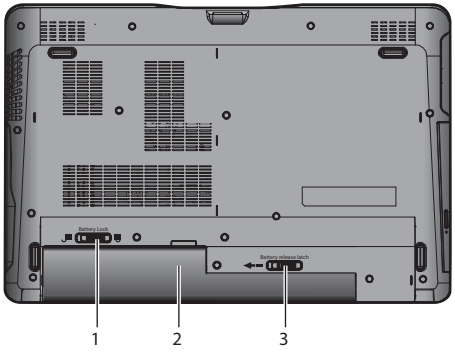
1. **Audio Out**
   Standard 3.5mm mini microphone jack which allows you to connect stereo headphones and other audio output devices.

NOTE
The internal speakers will be automatically disabled when headphones are connected.

2. **Audio In**
   Standard 3.5mm mini microphone socket which allows you to connect microphones or other audio input devices.
3. **USB Ports**
   USB 2.0 port used to connect USB devices such as mice or external hard drives
4. **DVD Drive**
   Slimline DVD +/- RW drive used to read or write data from optical discs.
5. **Eject button**
   Ejects the CD/DVD disc.
6. **Notebook Security Slot**
   Used to attach Kensington locks which secure your notebook to your desk or large objects to prevent theft.

Bottom View

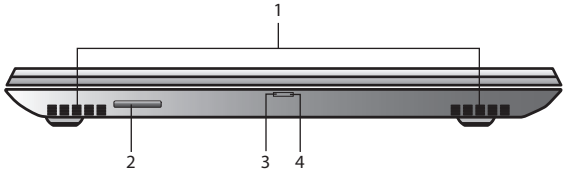
The following figure shows the bottom view of the notebook. Ensure the display is closed before turning over your notebook.



1. **Battery Lock**
   Slide the battery lock into the unlock position to release the battery pack for removal.
2. **Battery Pack**
   The battery pack provides power to the notebook when the AC adapter is not connected.
3. **Battery Release Latch**
   Slide and hold the latch in the unlock position to release the battery pack for removal.

Front View

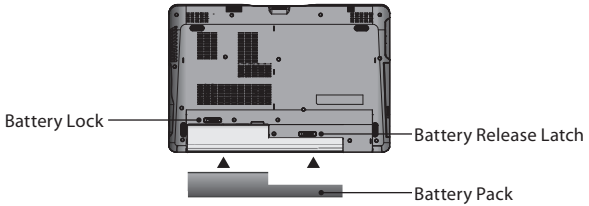
The following figure shows the front view of the notebook.



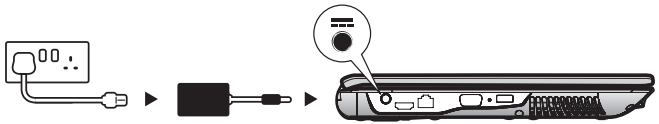
1. **Stereo Speakers**
   These speakers emit sound generated by your notebook.
2. **4-in-1 Card Reader**
   This slot allows you to insert SD/MMC/MS/xD Pro memory cards.
3. **Power Status LED**
   The power status LED will illuminate blue when the notebook is powered-on and no light when off or in hibernate mode. If the notebook is in Sleep mode the indicator blinks blue.
4. **Battery Status LED**
   The battery status LED shows the condition of the battery's charge. Blue indicates the battery is fully charged, blinking purple indicates the battery is charging and blinking red indicates the battery charge is low.

PREPARING YOUR MONZA NOTEBOOK COMPUTER

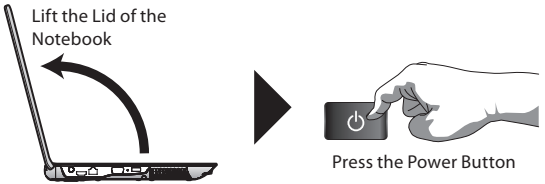
1. Turn your notebook over so the bottom is facing up.
   Insert the battery pack into the notebook until it clicks into place.



2. Plug the AC adapter cable into the DC power connector on the left side of your notebook computer.

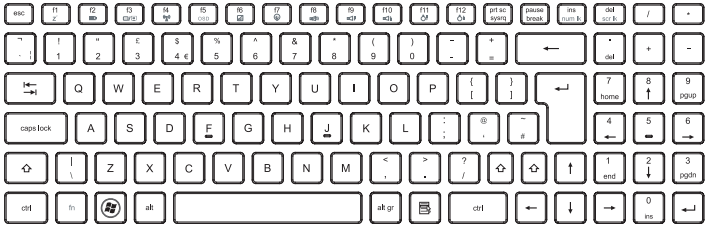


3. Lift the lid of the notebook and press the **Power** button for 2 seconds to turn your notebook on.



KEYBOARD FUNCTION KEYS

The following figure shows the keyboard layout for your notebook.



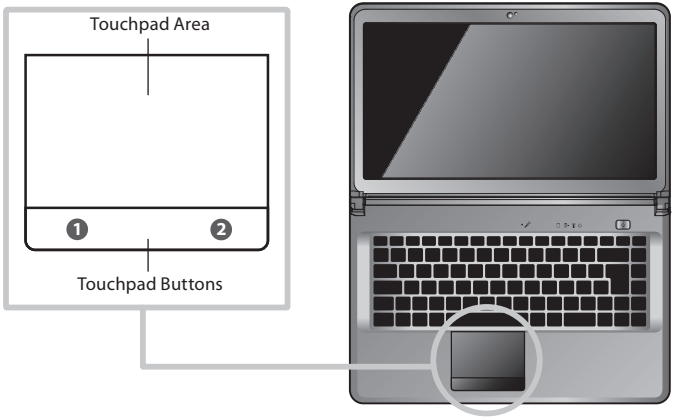
To activate the functions below, press and hold down the **fn** button together with the buttons described below:

Key Combination	Description		
fn + f1		**Suspend**	Enter hibernate mode.
fn + f2		**Power Saving**	Enter power saving mode. (The CPU will reduce speed and clock down to save power.)
fn + f3		**LCD/VGA/ HDMI mode**	Enter LCD/VGA/HDMI mode. This will change the display mode from notebook LCD only to LCD + VGA, VGA only, HDMI+VGA, HDMI only or LCD+HDMI simultaneously.
fn + f4		**Wireless On/Off**	Enable or disable wireless mode.
fn + f5	OSD	**OSD (on screen display)**	Display the OSD bar, which will show all the function keys supported by your notebook.
fn + f6		**Touch Pad On/Off**	Enable or disable touch pad.
fn + f7		**Webcam On/Off**	Enable or disable the webcam.
fn + f8		**Mute On/Off**	Enable or disable mute mode.
fn + f9		**Volume Decrease**	Decrease volume.
fn + f10		**Volume Increase**	Increase volume.
fn + f11		**Brightness Decrease**	Decrease the brightness of the notebook LCD display.
fn + f12		**Brightness Increase**	Increase the brightness of the notebook LCD display.

TOUCHPAD

The touchpad area shown below is used to control the movement of the on-screen pointer. The touchpad is sensitive to finger movements. Therefore, the lighter the touch, the better the response. Tapping too hard will not increase the touchpad's responsiveness.

The two touchpad buttons are the same as the left and right buttons on a standard mouse.



Why Reinstall?

There are several reasons why you may need or want to re-install Windows®:

- Windows® may become irreparably damaged or corrupt.
- Key hardware such as your motherboard may be changed during a repair.
- You may simply want a clean start.

Regardless of reason, the following pages simplify the process. These pages will explain what you need to do to restore Windows® to its 'just out of the box' condition.

What is Reinstalled?

If you choose a destructive recovery it will reinstall Windows® back to its factory default settings, so any software that was preinstalled will be present but any personal files on your computer will be lost. If you choose a non-destructive recovery this will repair Windows®, and you will not lose any personal files. The recovery system takes between 20 and 40 minutes.

Please be aware that the recovery will not reinstall any software, hardware, or peripherals that you have added to your computer. Please see the documentation supplied with these devices for more information.

Before you start...

It is important to note that the reinstallation process can erase your hard drive and all the files stored on it. Before attempting any reinstallation, it is recommended you save all important items to a CD/DVD, or other external storage device.

RUNNING SYSTEM RECOVERY FROM YOUR HARD DRIVE

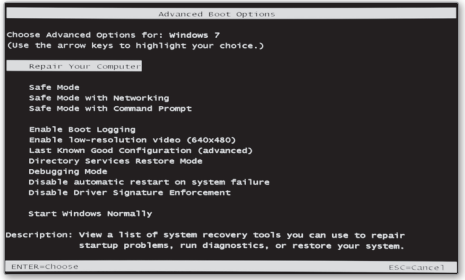
Your notebook's hard drive has a hidden partition that contains all the data to be able to recovery Windows®, without the use of any CDs or DVDs. To begin the reinstallation process, follow the steps below.

Stage 1

1. Turn your computer on and straight away start to slowly tap the **f8** button.

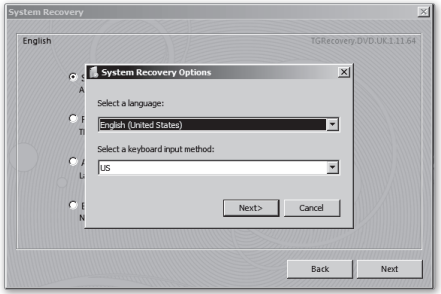
2. After a few moments the Advanced Boot Options menu will appear.

3. Select the **Repair Your Computer** option.


Advanced Boot Options
Choose Advanced Options for: Windows 7
(Use the arrow keys to highlight your choice.)
Repair Your Computer
Safe Mode
Safe Mode With Networking
Safe Mode With Command Prompt
Enable Boot Logging
Enable low-resolution video (640x480)
Last Known Good Configuration (advanced)
Directory Services Restore Mode
Debugging Mode
Disable automatic restart on system failure
Disable Driver Signature Enforcement
Start Windows Normally
Description: View a list of system recovery tools you can use to repair
startup problems, run diagnostics, or restore your system.
ENTER=Choose
ESC=Cancel

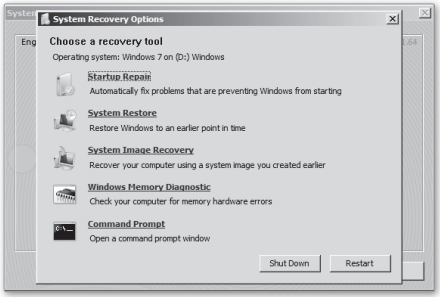
4. On the next screen choose the **Start Microsoft Windows Repair Environment** option by selecting the check box and click the **Next** button.

5. You will now be presented with an option to select the language and keyboard input method. Choose the appropriate language and keyboard input method for your region, e.g. United Kingdom. Then click on the **Next** button.



6. On the next screen, you will be required to enter your user login password to access the System Recovery Options. Enter your password and click on the **Next** button. If you have not set a user login password click the **Next** button to continue.

7. You will then be presented with the System Recovery Options, select **Startup Repair**.


System Recovery Options
Choose a recovery tool
Operating system: Windows 7 on (D:) Windows
Startup Repair
Automatically fix problems that are preventing Windows from starting
System Restore
Restore Windows to an earlier point in time
System Image Recovery
Recover your computer using a system image you created earlier
Windows Memory Diagnostic
Check your computer for memory hardware errors
Command Prompt
Open a command prompt window
Shut Down
Restart

8. Your computer will now attempt to repair any errors.

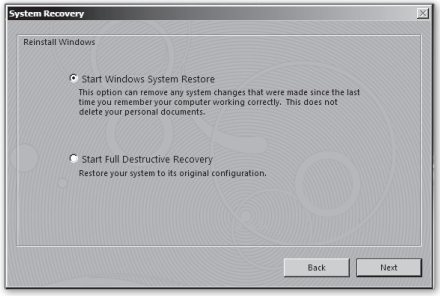
9. Once completed, you will be asked to restart your notebook.

10. If there are still errors, go to **Stage 2**.

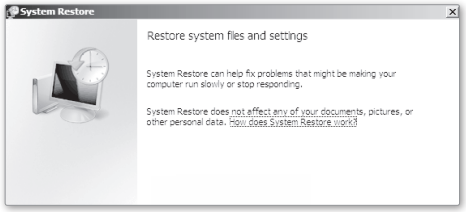
Stage 2

1. If after stage 1 you are still unable to load Windows®, you will need to choose the **Reinstall Windows** option.

2. From this menu you will be presented with a few options. Choose the **Start Windows System Restore** option to restore your computer back to an earlier time and date. Then click on the **Next** button.


System Recovery
Reinstall Windows
Start Windows System Restore
This option can remove any system changes that were made since the last time you remember your computer working correctly. This does not delete your personal documents.
Start Full Destructive Recovery
Restore your system to its original configuration.
Back
Next

3. On the next screen click on the **Next** button.


System Restore
Restore system files and settings
System Restore can help fix problems that might be making your computer run slowly or stop responding.
System Restore does not affect any of your documents, pictures, or other personal data. How does System Restore work?

4. Now choose a previous restore point and click on the **Next** button.

5. From the final screen, click on the **Finish** button to begin System Restore.

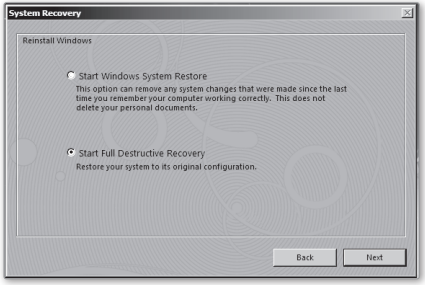
6. Your computer will now restart and complete the restoration.

7. If you are still unable to get into Windows® then you will need to perform a non destructive / full destructive recovery in **Stage 3**.

Stage 3

1. If after stage 2 you are still unable to load Windows®, you will need to choose the **Reinstall Windows** option.

2. From this menu you will be presented with a few options. Choose the **Start Full Destructive Recovery** option to restore your notebook and click on the **Next** button.


System Recovery
Reinstall Windows
Start Windows System Restore
This option can remove any system changes that were made since the last time you remember your computer working correctly. This does not delete your personal documents.
Start Full Destructive Recovery
Restore your system to its original configuration.
Back
Next

⚠ CAUTION

Please note that a Full Destructive Recovery will delete ALL data on your computer. If you are happy to continue click on the **Next** button to confirm.

3. Your computer will now begin to reinstall Windows®.

4. Once the reinstallation has completed, your computer will restart automatically.

5. Your computer will be restored back to its factory default settings. You will need to install or reinstall any additional software that you have purchased.

RECOVERY BACKUP WIZARD

The Recovery Backup Wizard allows you to create a backup of your Recovery to DVD(s) or USB stick in case of hard drive replacement or corruption.

To create a recovery backup, follow the steps below.

1. Make sure your notebook power adapter is connected before you start the recovery process.

2. Click on the **Windows® start icon** in the left corner of your desktop.

3. Select **All Programs → Advent → Recovery Back Wizard**

4. The Recovery Backup wizard will now be displayed on the screen. Click '**Create your Recovery Backup Now**' to begin and follow the on-screen instructions.

ADVENT
Recovery Backup Wizard
for Windows 7
Your computer uses a hard-drive based recovery process. You can backup your recovery now to USB stick or DVD, in case you need to reinstall Windows in the future.
Create your Recovery Backup Now
Create a Backup on DVD or USB stick
Remind me later
You will automatically be reminded in 7 days
Exit
Learn More

5. Select your preferred method of backup and click on the **Next** button.

Recovery Backup Wizard
ADVENT
Recovery Backup Wizard
for Windows 7
You can backup your recovery onto USB stick or DVD disks. Please choose below by clicking the appropriate button.
Create your Recovery USB Stick
You require a 8GB USB Stick
Create your Recovery DVD Set
You require 2 blank single-layer DVD's or 1 blank dual-layer DVD
<< Back
Next >>

6. If a User Access Control window appears on the screen, click on the **Allow** button.

7. The backup will now be created and will take around 20 minutes to complete.

8. Once the backup is created, keep it in a safe place.

RUNNING A SYSTEM RECOVERY FROM DVD/USB

If you are unable to use the main hard drive-based System Recovery or you have replaced your existing hard drive, then you will need to use the Recovery DVD's/USB stick you created from the Recovery Backup Wizard.

1. Insert the Recovery DVD or USB Stick that you created, into your notebook and restart it.

2. Straight away start to slowly tap the **f7** button.

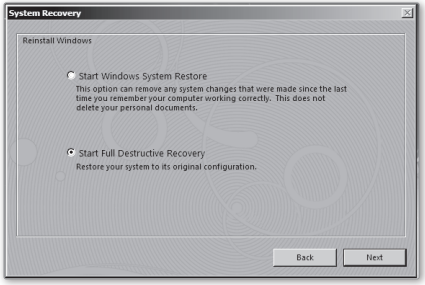
3. After a few moments the Boot Options menu will appear.

4. Select the appropriate device to boot from, i.e. DVD drive or USB stick.

5. After a few moments the System Recovery window will appear.

6. Choose the **Reinstall Windows** option by selecting the **check box** and click the **Next** button.

7. From this menu you will now be presented with a few options. Choose the **Start Full Destructive Recovery** option to restore your notebook and click the **Next** button.


System Recovery
Reinstall Windows
Start Windows System Restore
This option can remove any system changes that were made since the last time you remember your computer working correctly. This does not delete your personal documents.
Start Full Destructive Recovery
Restore your system to its original configuration.
Back
Next

8. On the final screen ensure the check box for Recover Using DVD is selected and click on the Next button. This option also needs to be selected if you are using the USB stick recovery method.

9. Once the process is complete, you will be asked to remove the recovery media and restart your computer.

NOTE

Once you have used the System Recovery Media, you will need to reinstall any additional software and hardware that you may have added. Please refer to the documentation supplied with those products for further help.

53R-XXXXXX-XXXX